Companies Team Up to Support Lastest LTE Standard

Tektronix, Inc., a worldwide provider of test, measurement and monitoring instrumentation; and LitePoint Corporation, a provider of wireless test system solutions, recently announced their collaborative solution to LTE product development.

LitePoint's RSALTE software is designed to run on Tektronix RSA3000A/B and RSA6100A real-time spectrum analyzers, and offers 3.9G compliance support for designers of UMTS-Long-Term Evolution (LTE) systems. &quotThis software enables our customers to analyze the latest LTE signals with both our mid-range and high-performance RTSAs,&quot explained Elaine May, Tektronix marketing director.

&quotThe RSALTE-based solution with breakthrough real-time technologies like DPX and Frequency Mask Trigger also captures intermittent or random events that other solutions may miss,&quot added Onno Harms, LitePoint RSALTE product manager. &quotThat helps engineering teams detect, diagnose and resolve design errors more quickly.&quot In addition, R&D and production teams can share common test algorithms and data formats, reducing production ramp-up time in manufacturing.

In the battle to provide broadband wireless connectivity that supports voice, data and multimedia; WiMAX and LTE are the prime contenders. The WiMAX standard is further along than LTE, but infrastructure delays have hampered strong market entry.

LTE, slated for market entry in 2009, is favored by most cellular operators. The LTE standard is still evolving but the latest version &#151 RP-39, version 8.20, 3/20/2008 &#151 is advanced enough to enable system development to progress. The LitePoint/Tektronix solution is a major step forward in bolstering that early LTE development.

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